

ABSTRACT

A nickel-chromium-molybdenum alloy capable of being age hardened for improved strength while maintaining high corrosion resistance contains in weight percent 19.5 to 22 chromium, 15 to 17.5 molybdenum, up to 3 iron, up to 1.5 manganese, up to 0.5 aluminum, up to 0.02 carbon, up to 0.015 boron, up to 0.5 silicon, up to 1.5 tungsten and up to 0.5 of each of hafnium, tantalum and zirconium, with a balance of nickel and impurities. Certain alloying elements must be present in amounts according to an equation here disclosed.